

2-7 PA-DOC QUERY CONTROL FORM

RTIS USE ONLY

Application No. 19/091,308
 Examiner-GAU Valentine - 1742

Prepared by Lois Stone
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|----------------------|------------------------|--------------------|----------------|
| a. Serial No. | f. Foreign Priority | k. Print Claim(s) | p. PTO-1449 |
| b. Applicant(s) | g. Disclaimer | l. Print Fig. | q. PTOL-85b |
| c. Continuing Data | h. Microfiche Appendix | m. Searched Column | r. Abstract |
| d. PCT | i. Title | n. PTO-270/328 | s. Sheets/Figs |
| e. Domestic Priority | j. Claims Allowed | o. PTO-892 | t. Other |

SPECIFICATION

- a. Page Missing
- b. Text Continuity
- c. Holes through Data
- d. Other Missing Text
- e. Illegible Text
- f. Duplicate Text
- g. Brief Description
- h. Sequence Listing
- i. Appendix
- j. Amendments
- k. Other

MESSAGE

Claim 14 (original claim 79) depends on
claim 1 (original claim 66) and canceled
claim 27. Please advise.

CLAIMS

- a. Claim(s) Missing
- b. Improper Dependency
- c. Duplicate Numbers
- d. Incorrect Numbering
- e. Index Disagrees
- f. Punctuation
- g. Amendments
- h. Bracketing
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- j. Duplicate Text
- k. Other

Thank you,

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RESPONSE

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78. The method of claim 76, wherein the produced aluminium continuously drains from said cathode.

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79. The method of claim 56, for producing aluminium in a bipolar cell according to claim 27, comprising passing an electric current from the surface of the terminal cathode to the surface of the terminal anode as ionic current in the electrolyte and as electronic current through the bipolar electrodes, thereby electrolysing the alumina dissolved in the electrolyte to produce aluminium on each cathode surface and oxygen on each anode surface. ←

80. The method of claim 66, comprising circulating the electrolyte between the anodes and facing cathodes thereby improving dissolution of alumina into the electrolyte and/or improving the supply of dissolved alumina under the active surfaces of the anodes.

81. A cell component which can be maintained dimensionally stable in a cell for the electrowinning of aluminium according to claim 1, having an iron oxide-based outside layer, in particular a hematite-based layer, which is electrochemically active for the oxidation of oxygen ions into molecular oxygen.

82. The cell component of claim 81, wherein the hematite-based layer covers a metal-based substrate comprising at least one metal, an alloy, an intermetallic compound or a cermet.

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